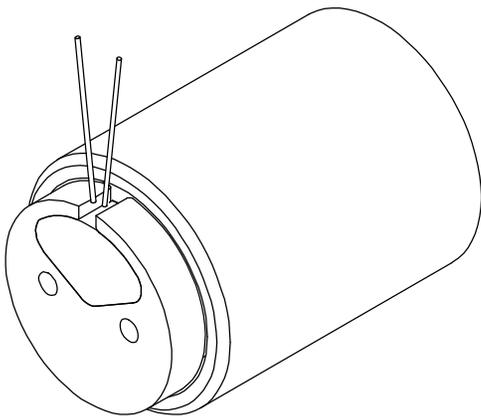
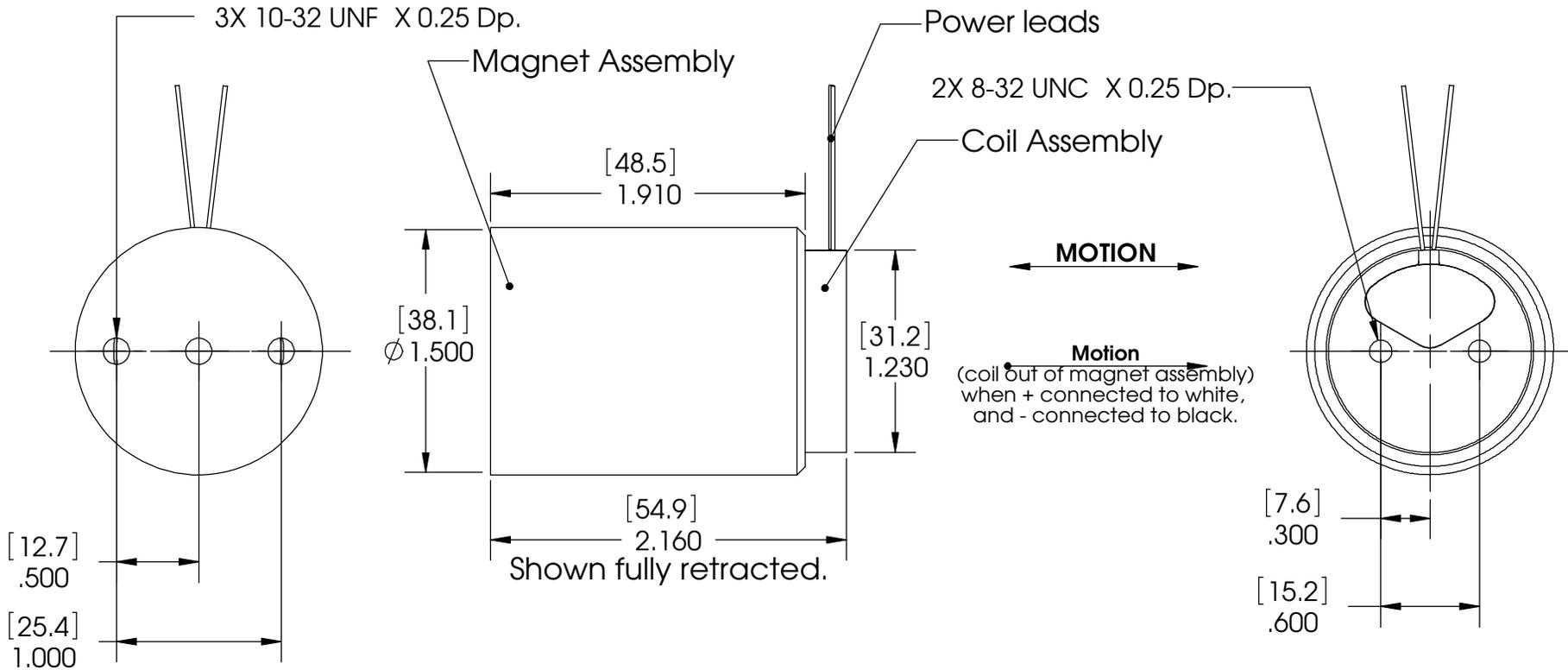


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| | | | | | | | |
|--|---------|----------|---------|----------------|----------|---|--|
| UNLESS SPECIFIED OTHERWISE: All dimensions are in inches Standard Tolerances are as follows: .XXX ±.005 ANGLES ±1° .XX ±.010 FILLETS AND X ±.020 CORNERS .010 Remove All Burrs and Sharp Edges | | | | MATERIAL | | TITLE | |
| | | | | FINISH | | Moving Coil Non-Comm Actuator Model# NCC10-15-023-1X | |
| DRAWN | DATE | APPROVED | DATE | DWG # | REV | ECN | |
| OOG | 3-29-02 | FGW | 3-29-02 | 30-0114 | C | 1393 | |

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| MOVING COIL NON-COMM ACTUATOR SPECIFICATIONS | | |
|---|---------------------|-------------------|
| Motor P/N | NCC10-15-023-1X | |
| Stroke | 1.00" | 25.4 mm |
| Radial Clearance | 0.010" per side | 0.25 mm per side |
| Bearing Type | None Provided | |
| Moving Mass | 0.12 lbs | 56 grams |
| Total Mass | 0.83 lbs | 375 grams |
| Resistance @ 20C | 7.5 ohms | |
| Inductance @ 20C | 3.3 mH | |
| Electrical Time Constant | 0.44 msec | |
| Motor Constant | 0.85 LBS/SQRT(Watt) | 3.78 N/SQRT(Watt) |
| Force Constant | 2.3 LBS/Amp | 10.2 N/Amp |
| Back EMF | 0.26 V/ips | 10.2 V/m/sec |
| Continuous Force | 2.3 LBS | 10.2 N |
| Max Power @ 100% Duty | 7 Watts | |
| Peak Force | 6.9 LBS | 30.7 N |
| Max Power @ 10% Duty | 66 Watts | |